

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of the Claims:

1-16 (Cancelled)

17. (Currently Amended) Method of using an aluminosilicate ion exchange material for delivering effervescency in a detergent product, comprising the steps of:

providing an aluminosilicate ion exchange material having pores, wherein said aluminosilicate ion exchange material has a total porosity of at least 25 %;

drying said aluminosilicate ion exchange material;

entrapping a gas into said pores of said aluminosilicate ion exchange material;

adding said aluminosilicate ion exchange material having gas entrapped therein to a detergent composition; and

forming a detergent product exhibiting effervescency when said detergent product is placed in an aqueous medium[[]].

wherein said detergent product further comprises a perfume.

18.(Previously Presented) The method according to claim 17, wherein the aluminosilicate ion exchange material has a formula, M_m/n $[(AlO_2)_m(SiO_2)_y] \cdot xH_2O$, where n is the valence of the cation M , x is the number of water molecules per unit cell, m and y are the total number of tetrahedra per unit cell, and y/m is 1 to 100, and wherein M is selected from the group consisting of sodium, potassium, magnesium, and calcium.

19.(Previously Presented) The method according to claim 17, wherein said aluminosilicate ion exchange material is zeolite.

20.(Previously Presented) The method according to claim 17, wherein said aluminosilicate ion exchange material further acts as a builder in said detergent product.

21.(Previously Presented) The method according to claim 17, wherein said aluminosilicate ion exchange material has pores having a pore diameter in a range of from about 2 ANGSTROMS to about 12 ANSTROMS.

22.(Cancelled)

23. (Previously Presented) The method according to claim 17, wherein said gas is carbon dioxide.

24.(Previously Presented) The method according to claim 17, including heating said aluminosilicate ion exchange material to a temperature of at lest 20 degrees C before entrapping said gas within said pores of said aluminosilicate ion exchange material.

25. (Previously Presented) The method according to claim 17, including placing said aluminosilicate ion exchange material inside a pressurizable container and entrapping said gas into said pores of said aluminosilicate ion exchange material at a gas pressure of at least 1 atmosphere.

26.(Previously Presented) The method according to claim 17, wherein said aluminosilicate ion exchange material having gas entrapped therein is added to said detergent composition in an amount in a range of from about 1 % to about 25 % by weight of said detergent composition.

27.(Previously Presented) The method according to claim 17, wherein said detergent composition is free of citric acid and bicarbonates.

28.(Currently Amended) Method for forming a laundry detergent product exhibiting a combination of effervescency and building properties, comprising the steps of:

providing an aluminosilicate ion exchange material having pores, wherein said aluminosilicate ion exchange material has a total porosity of at least 25 %;

entrapping a gas into said pores of said aluminosilicate ion exchange material;

adding said aluminosilicate ion exchange material having gas entrapped therein to a laundry detergent composition; and

forming a laundry detergent product exhibiting effervescency and building properties when said detergent product is placed in an aqueous medium[[]],

wherein said detergent product further comprises a perfume..

29.(Previously Presented) The method according to claim 28, wherein said aluminosilicate ion exchange material is zeolite.

30.(Currently Amended) The method according to claim 28, wherein said aluminosilicate ion exchange material has pores having a pore diameter in a range of from about 2 ANGSTROMS to about 12 ANSTROMS.

31.(Cancelled)

32. (Previously Presented) The method according to claim 28, wherein said gas is carbon dioxide.

33. (Previously Presented) The method according to claim 28, including heating said aluminosilicate ion exchange material to a temperature of at least 20 degrees C before entrapping said gas within said pores of said aluminosilicate ion exchange material.

34. (Previously Presented) The method according to claim 28, including placing said aluminosilicate ion exchange material inside a pressurizable container and entrapping said gas into said pores of said aluminosilicate ion exchange material at a gas pressure of at least 1 atmosphere.

35. (Previously Presented) The method according to claim 28, wherein said aluminosilicate ion exchange material having gas entrapped therein is added to said

laundry detergent composition in an amount in a range of from about 1 % to about 25 % by weight of said laundry detergent composition.

36. (Previously Presented) The method according to claim 28, wherein said laundry detergent composition is free of citric acid and bicarbonates.


37. (Currently Amended) A laundry detergent product, comprising:
a laundry detergent composition including a surfactant and a builder;
wherein said builder is adapted to deliver a combination of building properties and effervescency properties to said laundry detergent composition;
said builder including an aluminosilicate ion exchange material of the formula, $Mm/n [(AlO_2)_m(SiO_2)_y] \cdot xH_2O$ where n is the valence of the cation M, x is the number of water molecules per unit cell, m and y are the total number of tetrahedra per unit cell, and y/m is 1 to 100, and wherein M is selected from the group consisting of sodium, potassium, magnesium, and calcium, said aluminosilicate ion exchange material having pores, and said aluminosilicate ion exchange material having a gas entrapped within said pores, wherein said aluminosilicate ion exchange material has a total porosity of at least 25 %; and
said detergent product exhibiting effervescency when said detergent product is placed in an aqueous medium[.],
wherein said detergent product further comprises a perfume.

38. (Previously Presented) The laundry detergent product according to claim 37, including a zeolite having carbon dioxide gas entrapped therein, said zeolite being present in said laundry detergent composition in an amount in a range of from about 1% to about 25 % by weight.

39. (Previously Presented) The laundry detergent product according to claim 37, wherein said laundry detergent product is in a particulate form.

40. (Previously Presented) The laundry detergent product according to claim 37, wherein said laundry detergent product is in a non-particulate form.

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41. (Previously Presented) The laundry detergent product according to claim 37, further comprising adjunct detergent ingredients selected from the group consisting of enzymes, soil release agents, dispersing agents, optical brighteners, suds suppressors, fabric softeners, enzyme stabilizers, perfumes, dyes, fillers, dye transfer inhibitors, and mixtures thereof.

42. (Previously Presented) A method of laundering soiled clothes comprising the step of immersing said soiled clothes in an aqueous medium containing an effective amount of a laundry detergent product made by a method according to claim 28.

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